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FIG.1

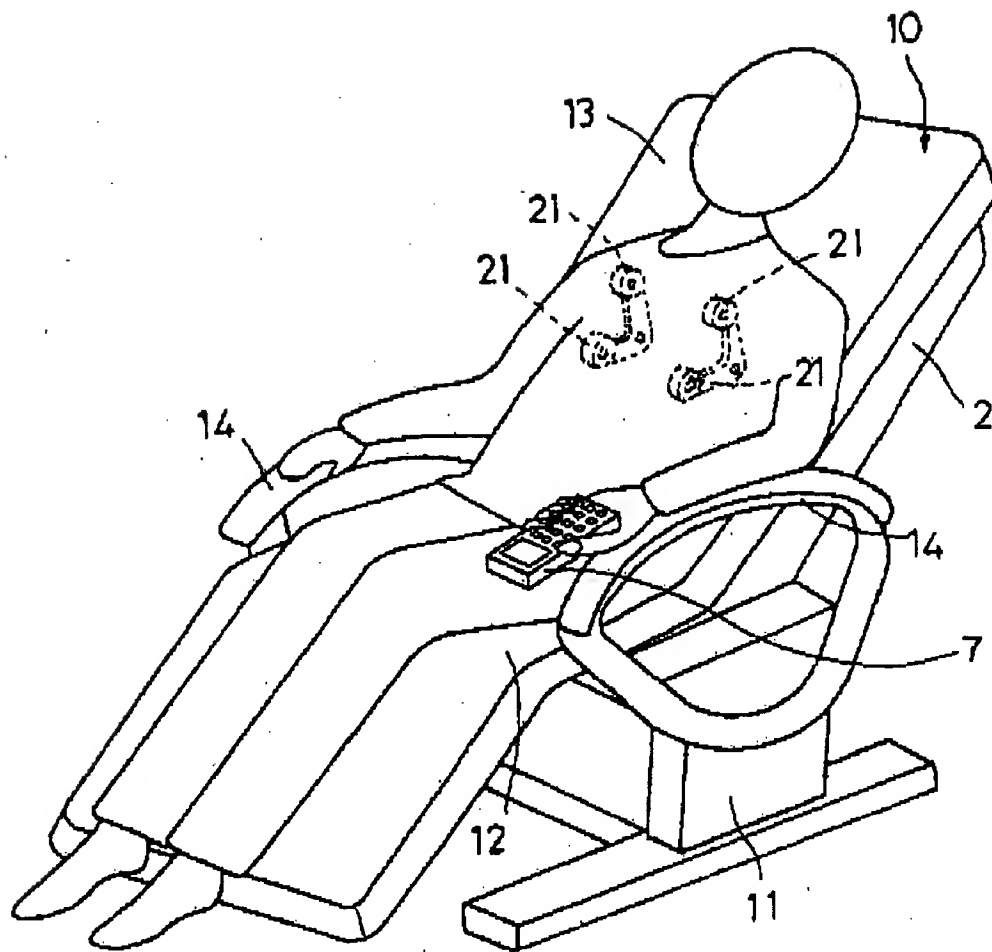


FIG. 1

FIG.2

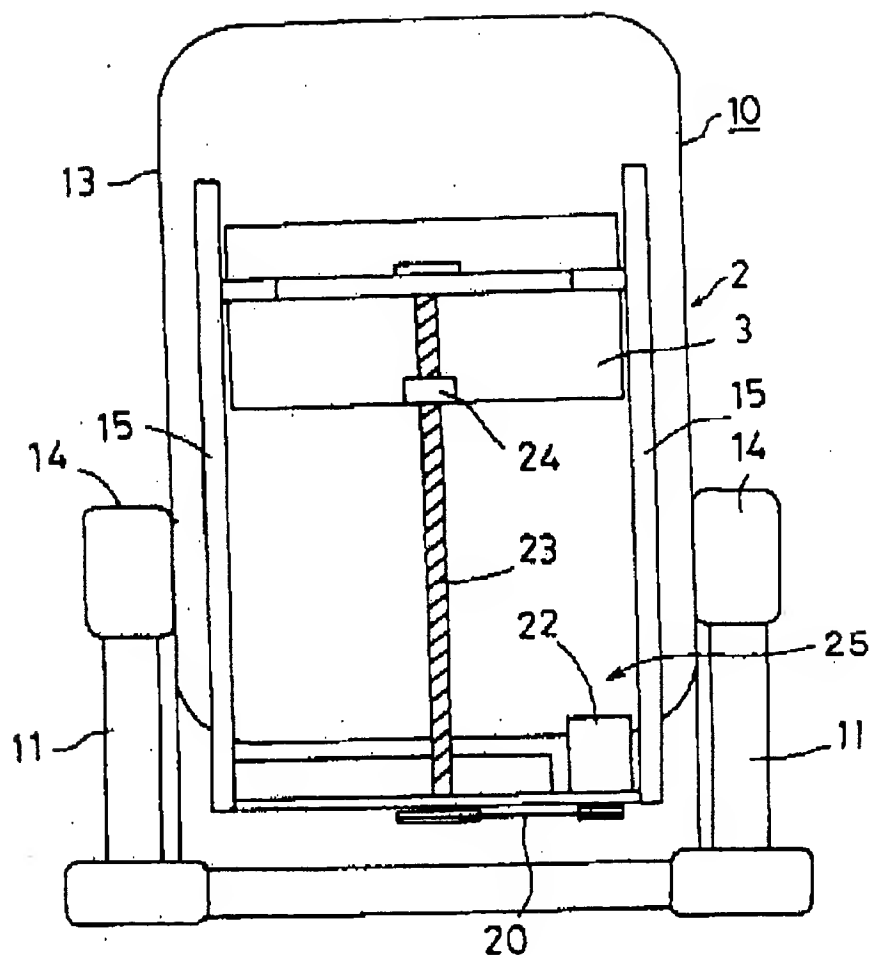


FIG. 3

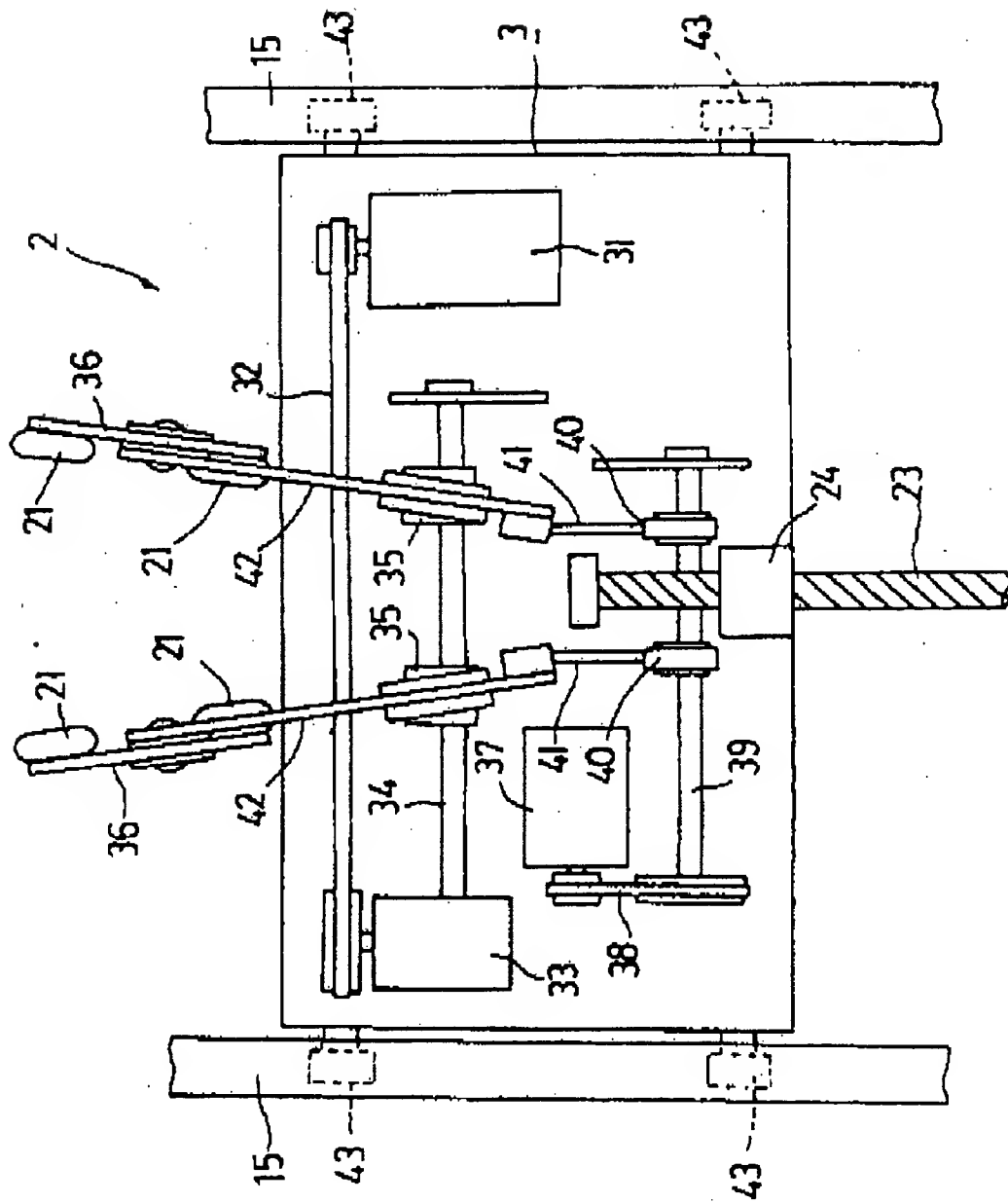


FIG. 4

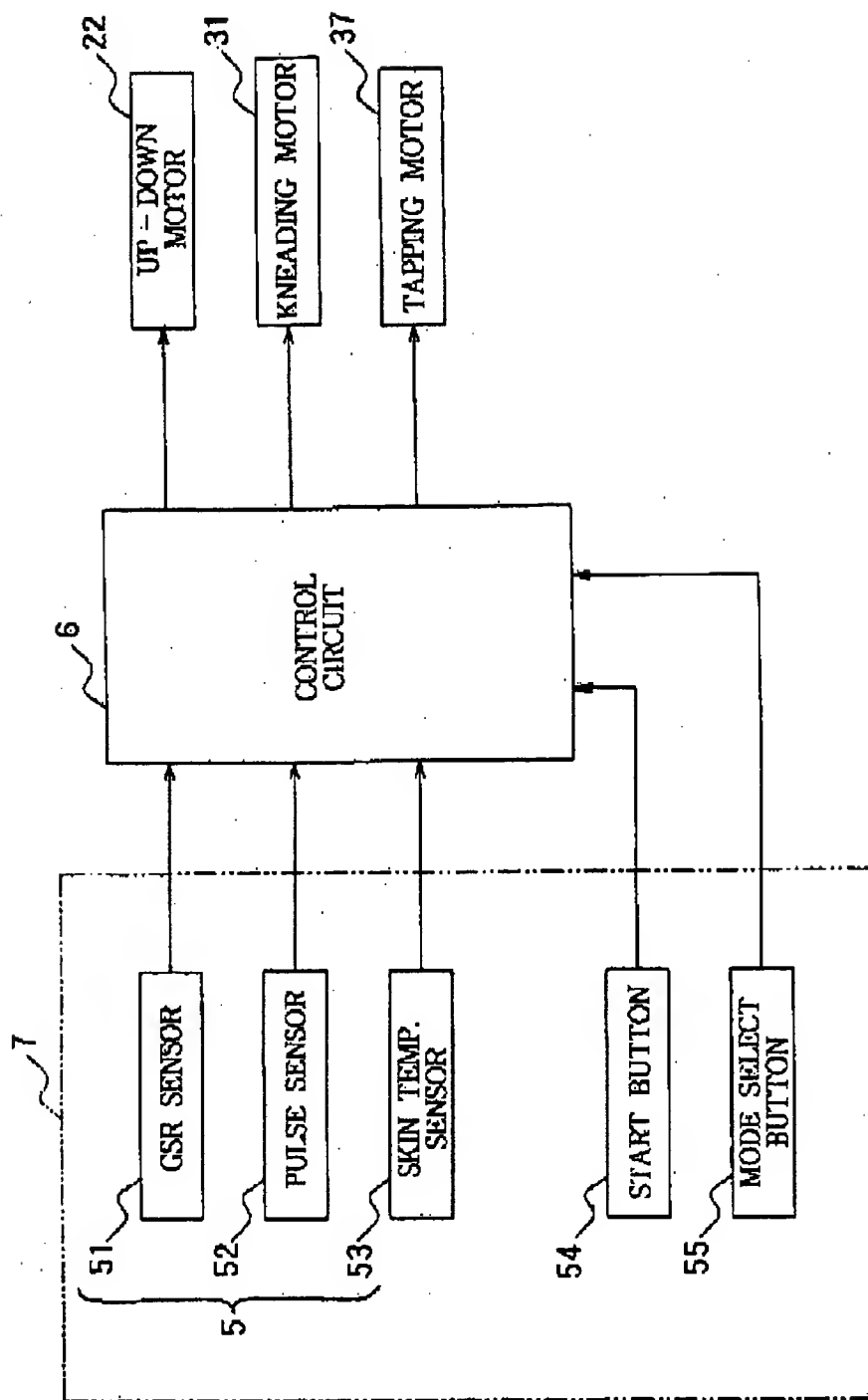


FIG.5

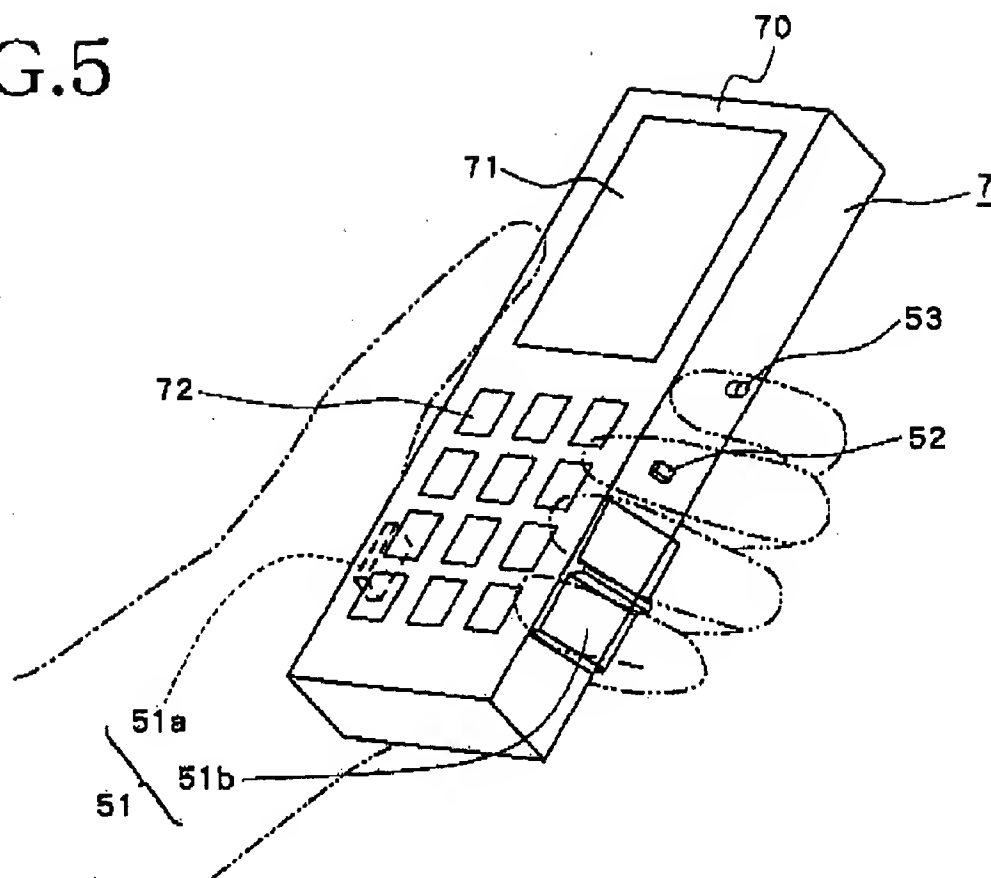


FIG. 5

FIG.6

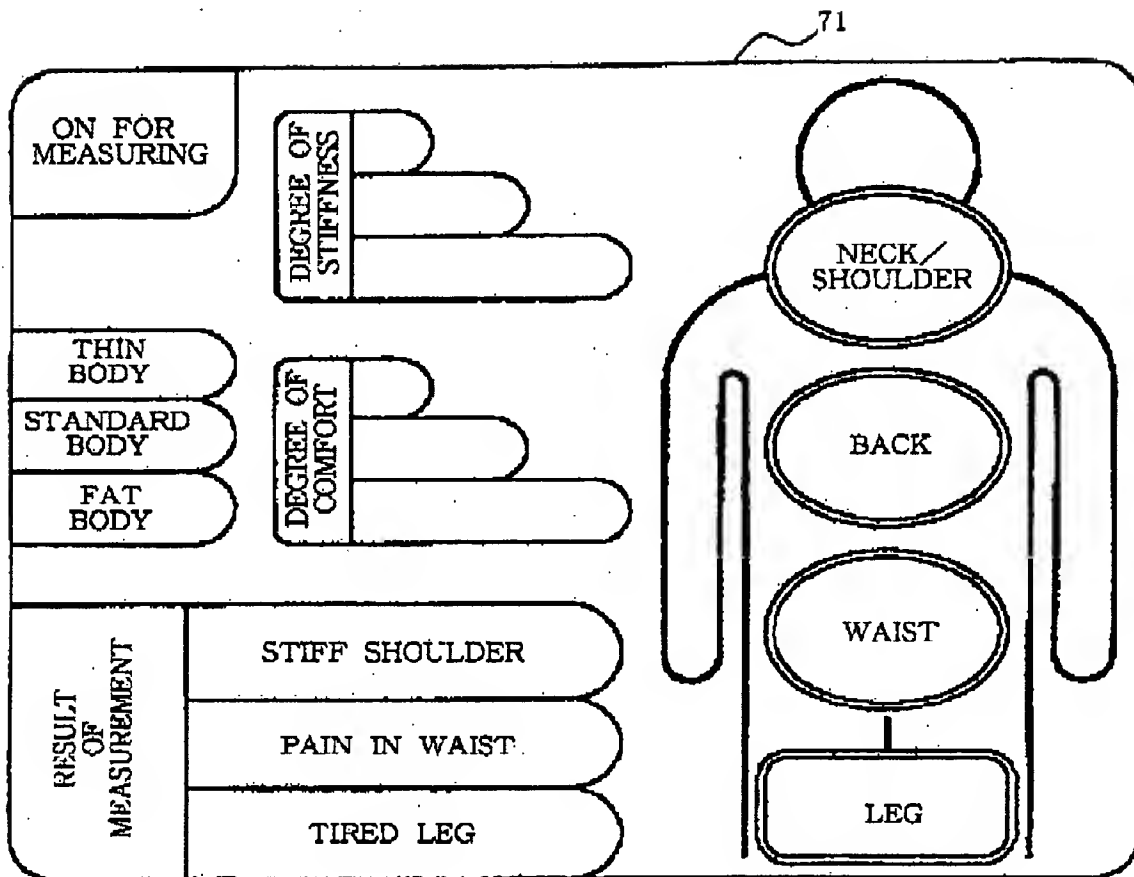


FIG. 7

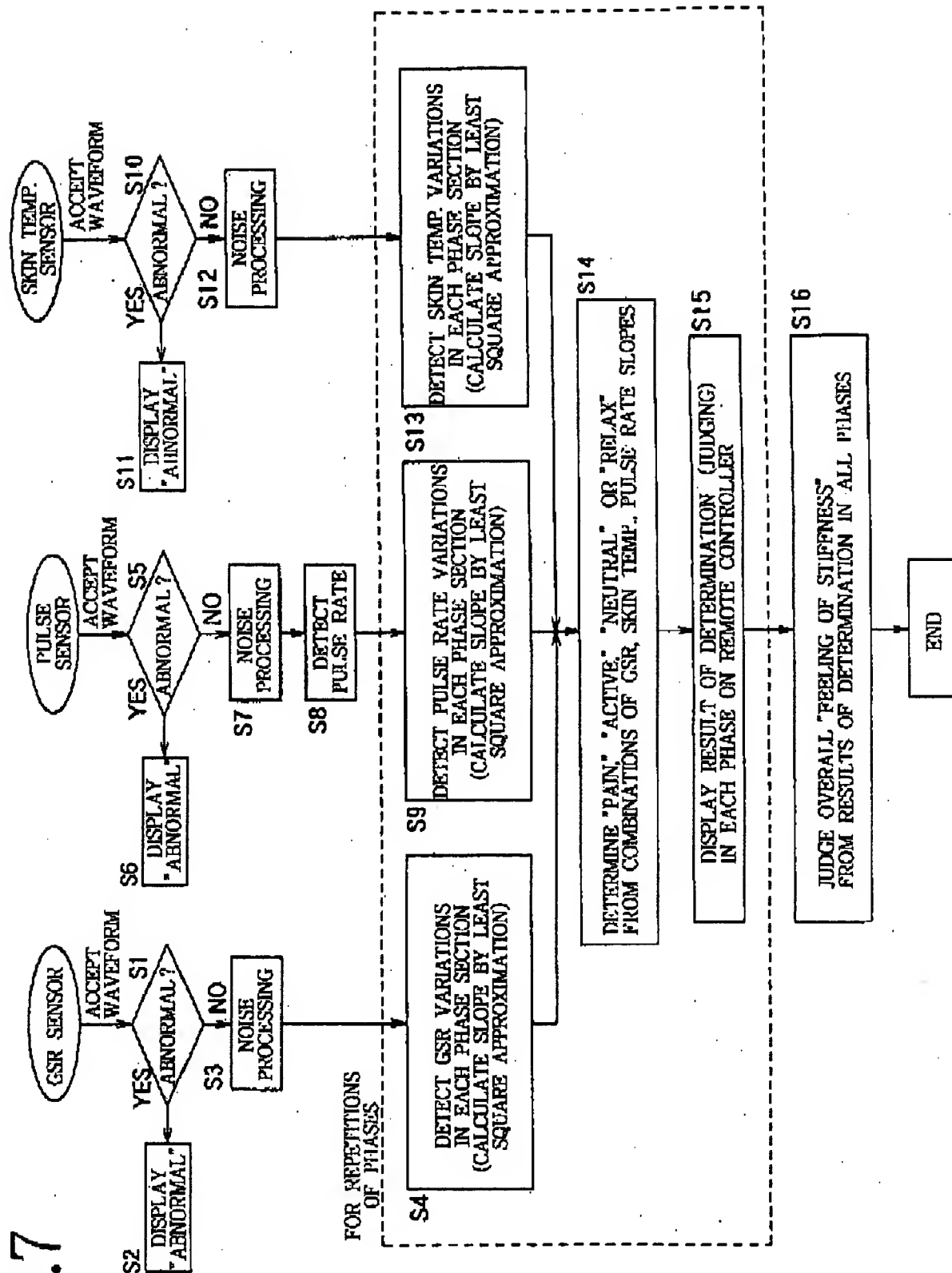


FIG.8

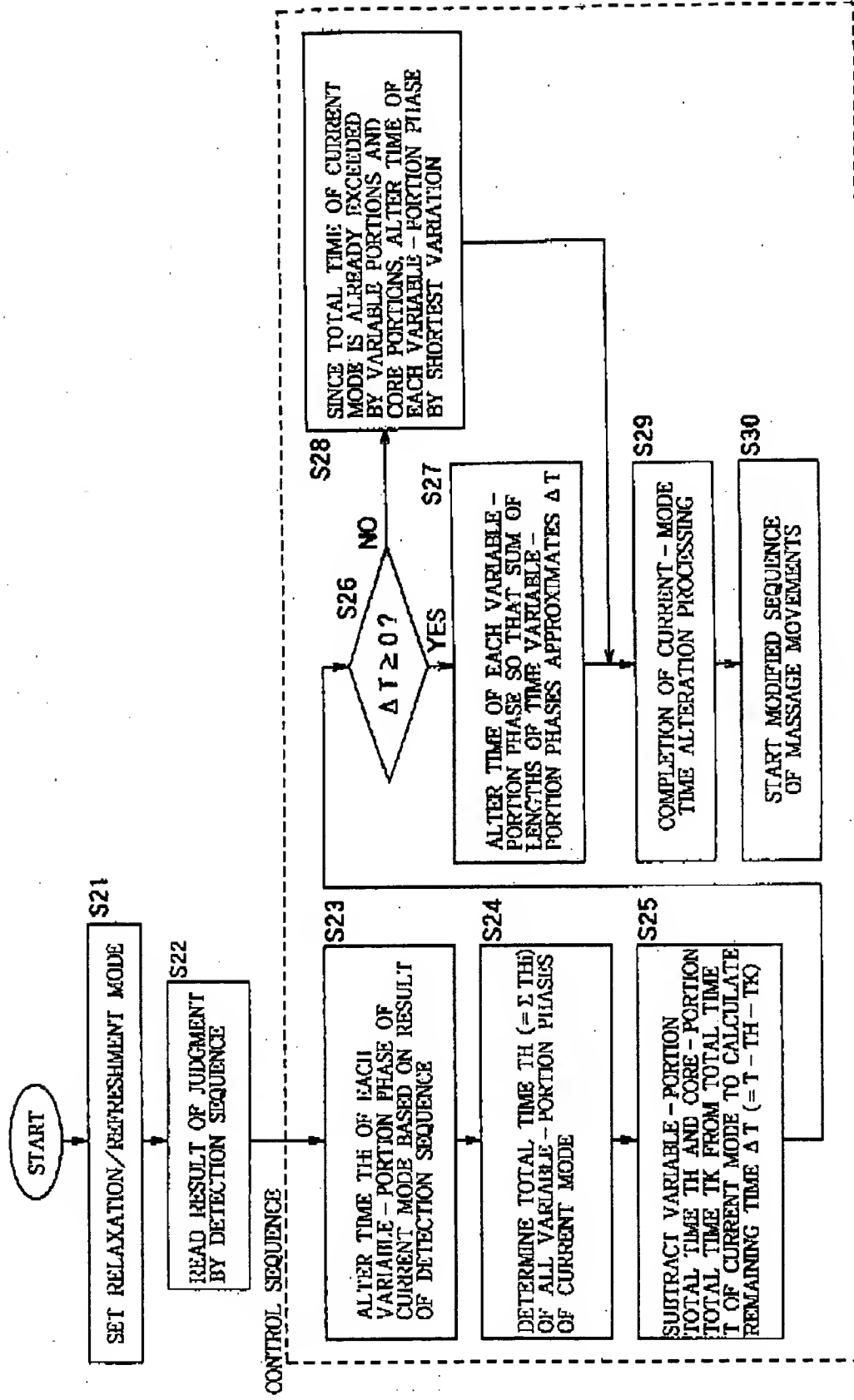


FIG.9

JUDGMENT	GSR	SKIN TEMP.	PULSE
RELAXED	$\Delta G \leq -A/\text{SEC}$ $\Delta G \geq -A/\text{SEC}$ $\Delta G \leq -A/\text{SEC}$ $-A/\text{SEC} < \Delta G \leq +B/\text{SEC}$	$\Delta T < 0$ $\Delta T \geq 0$ $\Delta T \geq 0$ $\Delta T \geq 0$	$\Delta H < 0$ $\Delta H < 0$ $\Delta H \geq 0$ $\Delta H < 0$
NEUTRAL	$\Delta G \leq -A/\text{SEC}$ $-A/\text{SEC} < \Delta G < +B/\text{SEC}$ $-A/\text{SEC} < \Delta G < +B/\text{SEC}$ $+B/\text{SEC} < \Delta G < +C/\text{SEC}$	$\Delta T < 0$ $\Delta T < 0$ $\Delta T \geq 0$ $\Delta T \geq 0$	$\Delta H \geq 0$ $\Delta H < 0$ $\Delta H \geq 0$ $\Delta H < 0$
ACTIVE	$-A/\text{SEC} < \Delta G < +B/\text{SEC}$ $+B/\text{SEC} < \Delta G < +C/\text{SEC}$ $+B/\text{SEC} < \Delta G < +C/\text{SEC}$	$\Delta T < 0$ $\Delta T < 0$ $\Delta T \geq 0$	$\Delta H \geq 0$ $\Delta H < 0$ $\Delta H \geq 0$
PAIN	$+B/\text{SEC} < \Delta G < +C/\text{SEC}$ $\Delta G \geq +C/\text{SEC}$	$\Delta T < 0$ don't care	$\Delta H \geq 0$ don't care

FIG.10 (a) RELAXATION MODE

	PART	TIME	SPEED
RELAXED	BACK	NO PAIN	MEDIUM
	OTHERS	1.5 TIMES	MEDIUM
NEUTRAL	—	NO PAIN	MEDIUM
ACTIVE	BACK	ZERO	—
	OTHERS	0.75 TIMES	SLOW
PAIN	BACK	ZERO	—
	OTHERS	0.5 TIMES	SLOW

FIG.10 (b) REFRESHMENT MODE

	PART	TIME	SPEED
RELAXED	BACK	0.5 TIMES	MEDIUM
	OTHERS	0.5 TIMES	HIGH
NEUTRAL	—	NO PAIN	MEDIUM
ACTIVE	BACK	NO PAIN	MEDIUM
	OTHERS	1.5 TIMES	MEDIUM
PAIN	BACK	ZERO	SLOW
	OTHERS	0.5 TIMES	SLOW

FIG.11

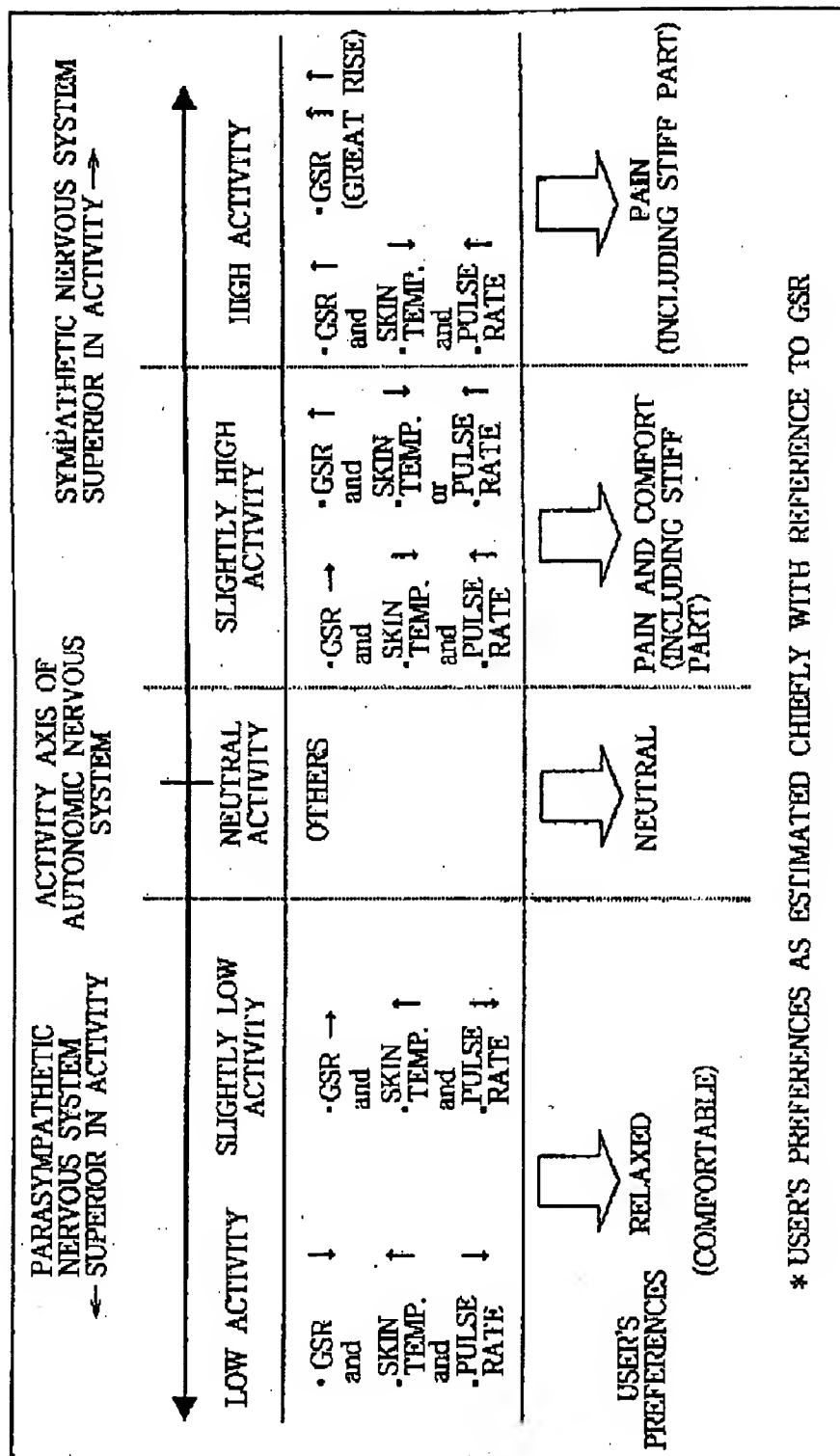


FIG.12

PS1*1 PS2*2	RELAXED	NEUTRAL	ACTIVE (PAIN AND COMFORT)	PAIN	TOTAL
RELAXED	30	3	0	0	33
NEUTRAL (BOTTOM NOT PRESSED)	2	26	14	0	42
ACTIVE (PAIN AND COMFORT)	0	0	14	2	16
PAIN	0	0	4	13	17

* 1 PS1 MEANS "PSYCHOLOGICAL STATE AS ESTIMATED."

* 2 PS2 MEANS "PSYCHOLOGICAL STATE AS RECOGNIZED SUBJECTIVELY."

FIG.13

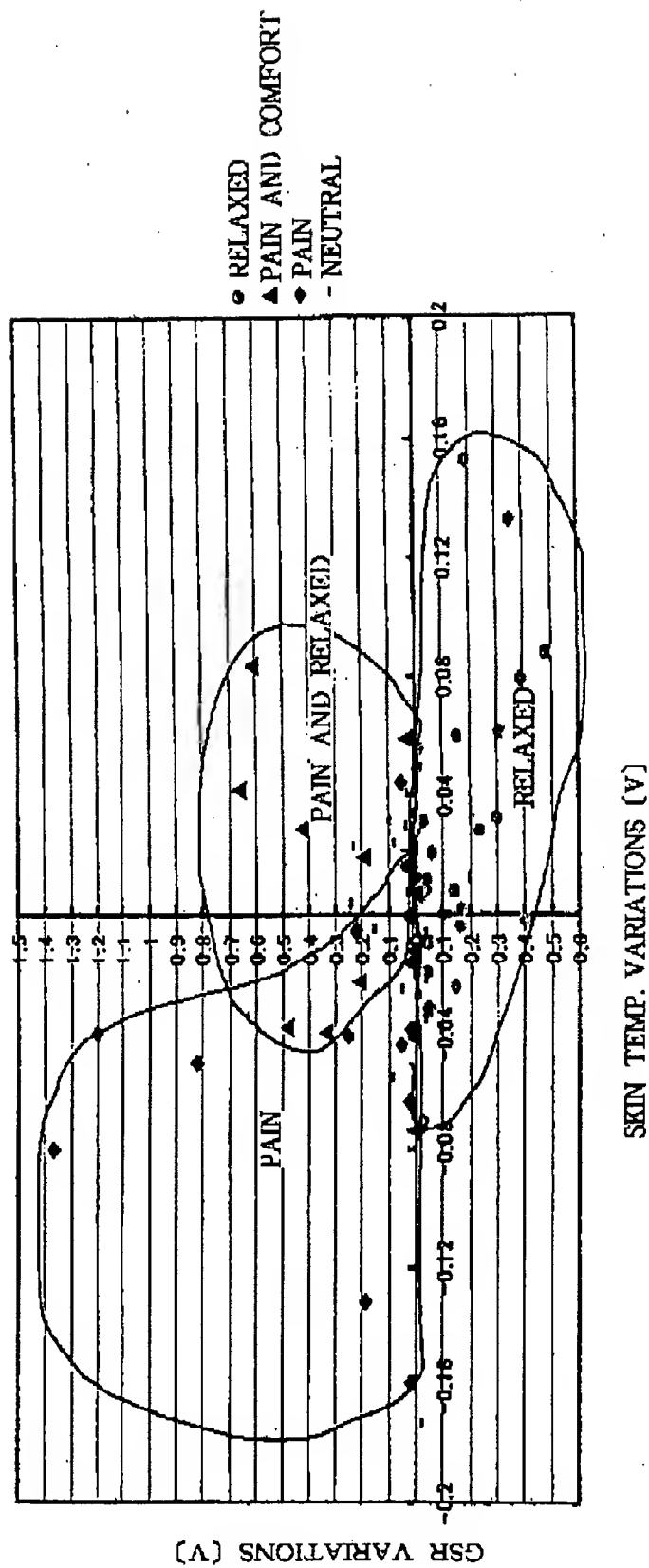


FIG.14

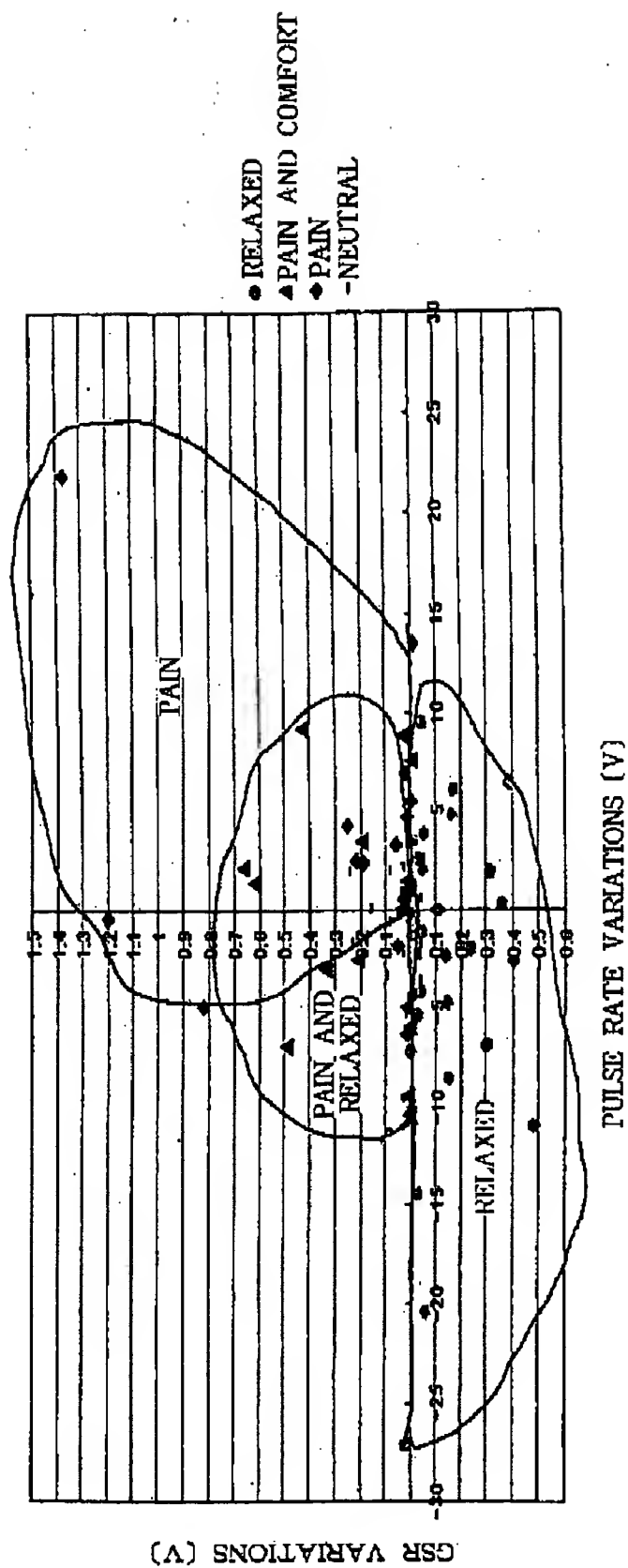


FIG.15

MESSAGE MOVEMENT NO.	CORE PORTION DEFAULT	VARIABLE PORTION DEFAULT	ALL* PAIN	ALL ACTIVE	ALL RELAXED
1,2,3	30 (TIMES)	6+6 30	(TIMES) (SEC) 3+3 15	(TIMES) (SEC) 4+4 20	(TIMES) (SEC) 9+9 45
4,5,6	5	6+6 30	0 0	0 0	6+6 30
7	5	6+6 30	3+3 15	4+4 20	9+9 45
8,9,10	5	6+6 30	5 10	5 10	13 30
11	5	6+6 30	0 0	0 0	9 20
12,13,14	10	6+6 30	5 10	5 10	13 30
15	10	6+6 30	3+3 15	4+4 20	9+9 45
16	5	6+6 30	0 0	0 0	6+6 30
17	5	6+6 30	3+3 15	4+4 20	9+9 45
18	5	6+6 30	5 10	5 10	13 30
19	5	6+6 30	0 0	0 0	6+6 30
20	10	6+6 30	3+3 15	4+4 20	9+9 45
21	10	6+6 30	5 10	5 10	13 30
22,23,24	5	6+6 30	0 0	0 0	6+6 30
25	5	6+6 30	3+3 15	4+4 20	9+9 45
26,27,28	5	6+6 30	5 10	5 10	13 30
29	5	6+6 30	0 0	0 0	6+6 30
30,31,32	5	6+6 30	3+3 15	4+4 20	9+9 45
33,34	20	6+6 30	3+3 15	4+4 20	9+9 45
35,36,37	10	6+6 30	3+3 15	4+4 20	9+9 45
38	10	6+6 30	3+3 15	4+4 20	9+9 45
39,40,41	10	6+6 30	5 10	5 10	13 30
42	10	6+6 30	5 10	5 10	13 30
43	10	6+6 30	3+3 15	4+4 20	9+9 45
44	10	6+6 30	5 10	5 10	13 30
45	20	6+6 30	3+3 15	4+4 20	9+9 45
46,47	20	6+6 30	5 10	5 10	13 30
48,49,50	10	6+6 30	3+3 15	4+4 20	9+9 45
51	10	6+6 30	5 10	5 10	13 30
52,53,54	10	6+6 30	3+3 15	4+4 20	9+9 45
55	10	6+6 30	5 10	5 10	13 30
56,57,58	10	6+6 30	3+3 15	4+4 20	9+9 45
59	10	6+6 30	5 10	5 10	13 30
60,61,62	10	6+6 30	3+3 15	4+4 20	9+9 45
63	10	6+6 30	5 10	5 10	13 30
64,65,66	10	6+6 30	3+3 15	4+4 20	9+9 45
67	10	6+6 30	5 10	5 10	13 30
68,69,70	10	6+6 30	3+3 15	4+4 20	9+9 45
71	10	6+6 30	5 10	5 10	13 30
SUBTOTAL	200	520	520	520	640
TOTAL		720	720	720	840

* ALL MEANS "AS ESTIMATED BY THE SEQUENCE OF ALL PRELIMINARY MESSAGE MOVEMENTS."

FIG.16

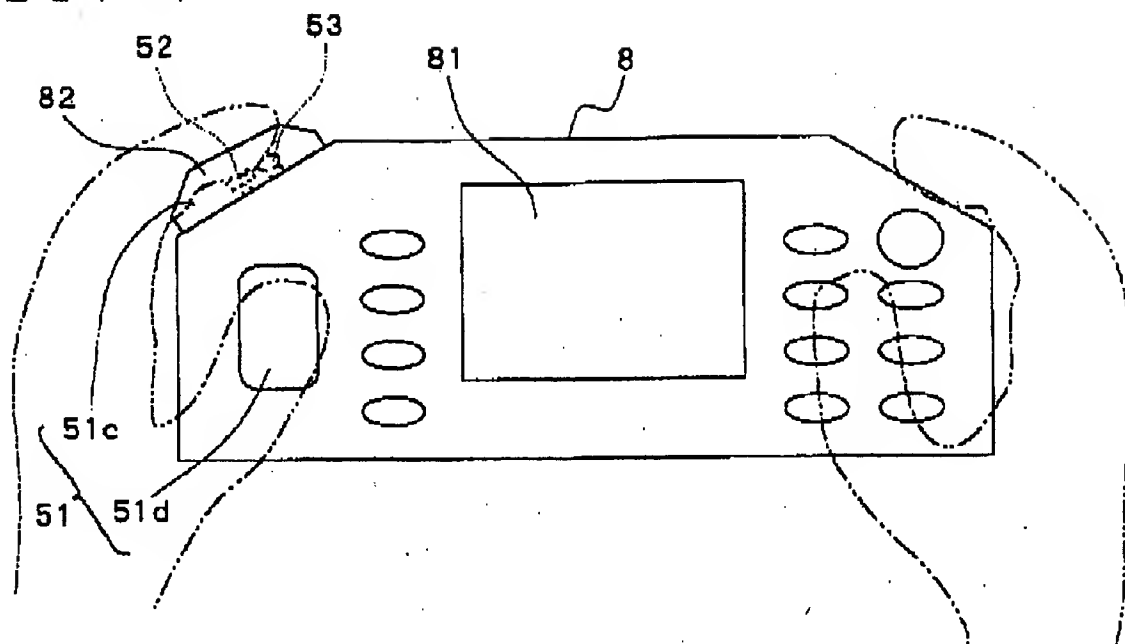


FIG.17 (a)

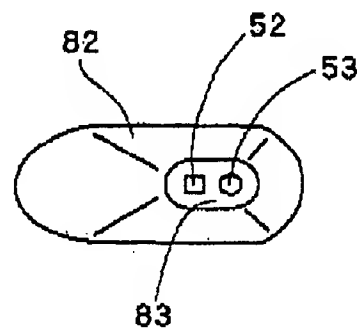


FIG.17 (b)

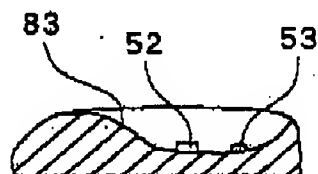


FIG.18 (a) FIG.18 (b)

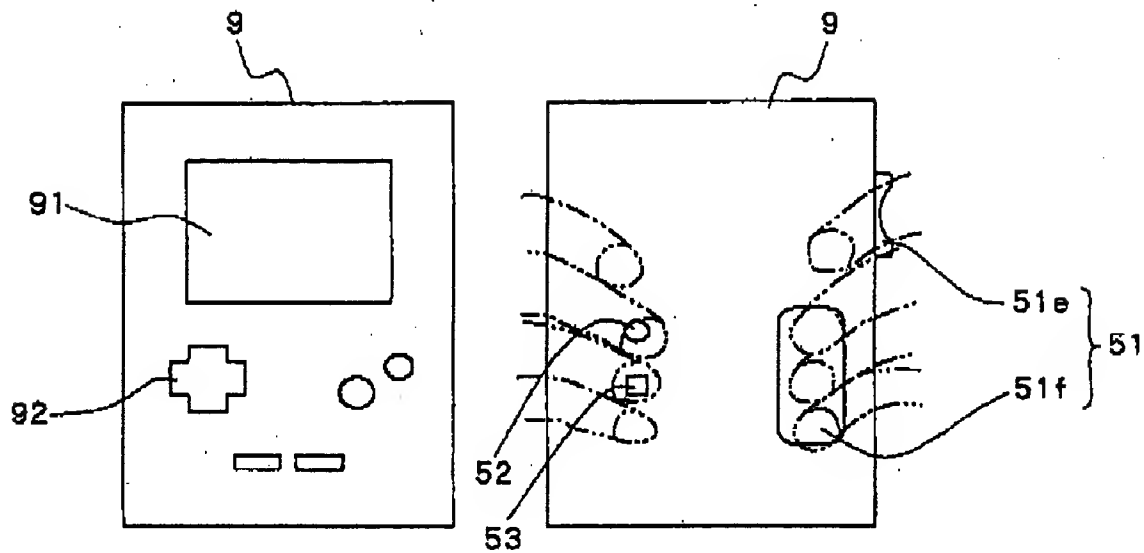


FIG.19

